

FINDING OF NO SIGNIFICANT IMPACT


FOR

Food Additive Petition 7A4540, submitted by Nalco Chemical Company, to amend 21 *CFR* Part 173.310 to provide for the safe use of an emulsifier blend containing sorbitan monostearate, polyoxyethylene (20) sorbitan monostearate, and polyoxyethylene (20) sorbitan monolaurate as an anti-corrosive agent in boilers where steam may contact food.

The Chemistry and Environmental Review Team, Division of Product Policy, Center for Food Safety and Applied Nutrition, has determined that the approval of this petition will not significantly affect the quality of the human environment and therefore will not require the preparation of an environmental impact statement. This finding is based on information submitted by the petitioner in an environmental assessment and in a confidential section of the petitioner, and on the following:

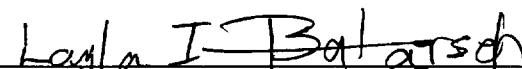
Data included in the petition concerning heat stability of the emulsifiers show that they break down to their constituent fatty acids, alcohol, and polyoxyethylene backbone. Another breakdown product in the blend is sorbitol, which is regulated under 21 *CFR* § 184.1835. Therefore, no new substances are expected to be introduced into the environment as a result of approval of the proposed action. The data also show that, at the recommended level of use, no degradation products were detected in the condensate.

Prepared by:


LCDR Sarath Seneviratne, Environmental Scientist
Chemistry and Environmental Review Team
Division of Product Policy

Date: March 5, 1998

Approved by:


Layla I. Batarseh, Ph.D., Acting Team Leader
Chemistry and Environmental Review Team
Division of Product Policy

Date: March 5, 1998

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